



## **21st International Conference on Design Theory and Methodology (DTM)**

([Call for Papers pdf](#))

### **Description**

The *21st International Conference on Design Theory and Methodology (DTM)* is an integral part of the *2009 ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conferences (2009 IDETC/CIE)* and will take place at the San Diego Convention Center, in San Diego, California, from August 30-September 2, 2009. This Conference is sponsored by the Technical Committee on Design Theory and Methodology, which is an integral part of the ASME Design Engineering Division. The Design Theory and Methodology Conference promotes research and dissemination of knowledge in such topics as the scientific theories of design, foundations for design environments, models of design processes, design education methods, design management, design for quality, and other areas extending the understanding of and application of the design process. Scholarly papers in all areas of design theory and methodology are invited.

### **Objectives**

Authors and presenters are invited to participate in this event to expand international cooperation, understanding and promotion of efforts and disciplines in the area of 21st International Conference on Design Theory and Methodology (DTM). Dissemination of knowledge by presenting research results, new developments, and novel concepts in 21st International Conference on Design Theory and Methodology (DTM) will serve as the foundation upon which the conference program of this area will be developed.

Likely topics include but are not limited to:

- [Design behavior study and cognitive modeling](#)
- [Product architecture design methods](#)
- [Widely applicable techniques for improving design practice in industry](#)
- [Risk-based design](#)
- [Needs understanding and preference identification](#)
- [Evaluation of design methods and concepts](#)
- [Sustainable and flexible product development](#)
- [Collaborative design and design education](#)
- [Systems engineering](#)
- [Creativity, innovation, and biological models in design](#)
- [Function and automation](#)

All papers will be reviewed and, if accepted, will be published in the conference proceedings on CD-ROM. For further information, contact the organizers of the conference:

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